



IPAL

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/782,792 Confirmation No. 5524
Applicant : Shin-ichi KAWAMURA et al.
Filed : February 23, 2004
TC/A.U. : 1772
Examiner : Unknown
Dkt. No. : NPR-138-110
Cust. No. : 20374

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 24, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Documents FA to FD are not in the English language. However,

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the concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of English language abstracts thereof.

Please note that documents FA to FD were cited in an Office Action dated February 9, 2004, in a counterpart Japanese patent application. A copy of the action is attached hereto. The documents cited in the Action but not presently submitted (JP Nos. 08-131515 and 2000-005276) were cited in the IDS submitted on February 23, 2004.

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

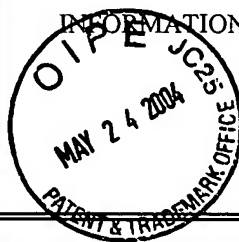
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Attachments: PTO-1449
Four Documents
Japanese Office Action

<p>INFORMATION DISCLOSURE STATEMENT</p> <p>PTO-1449</p>	Atty. Docket No. NPR-138-110	Serial No. 10/782,792
	Applicant: Shin-ichi KAWAMURA et al.	
	Filing Date: February 23, 2004	Group: 1772



U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA						
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	8-244182 A	09/24/96	JP	Abstract
	FB	9-267454 A	10/14/97	JP	Abstract
	FC	9-216640 A	08/19/97	JP	Abstract
	FD	9-216664 A	08/19/97	JP	Abstract
	FE				
	FF				
	FG				

OTHER DOCUMENTS

Examiner's Initial		
	DA	
	DB	
	DC	

Examiner:	Date Considered:
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